INTRODUCTION:

1.1. Overview:

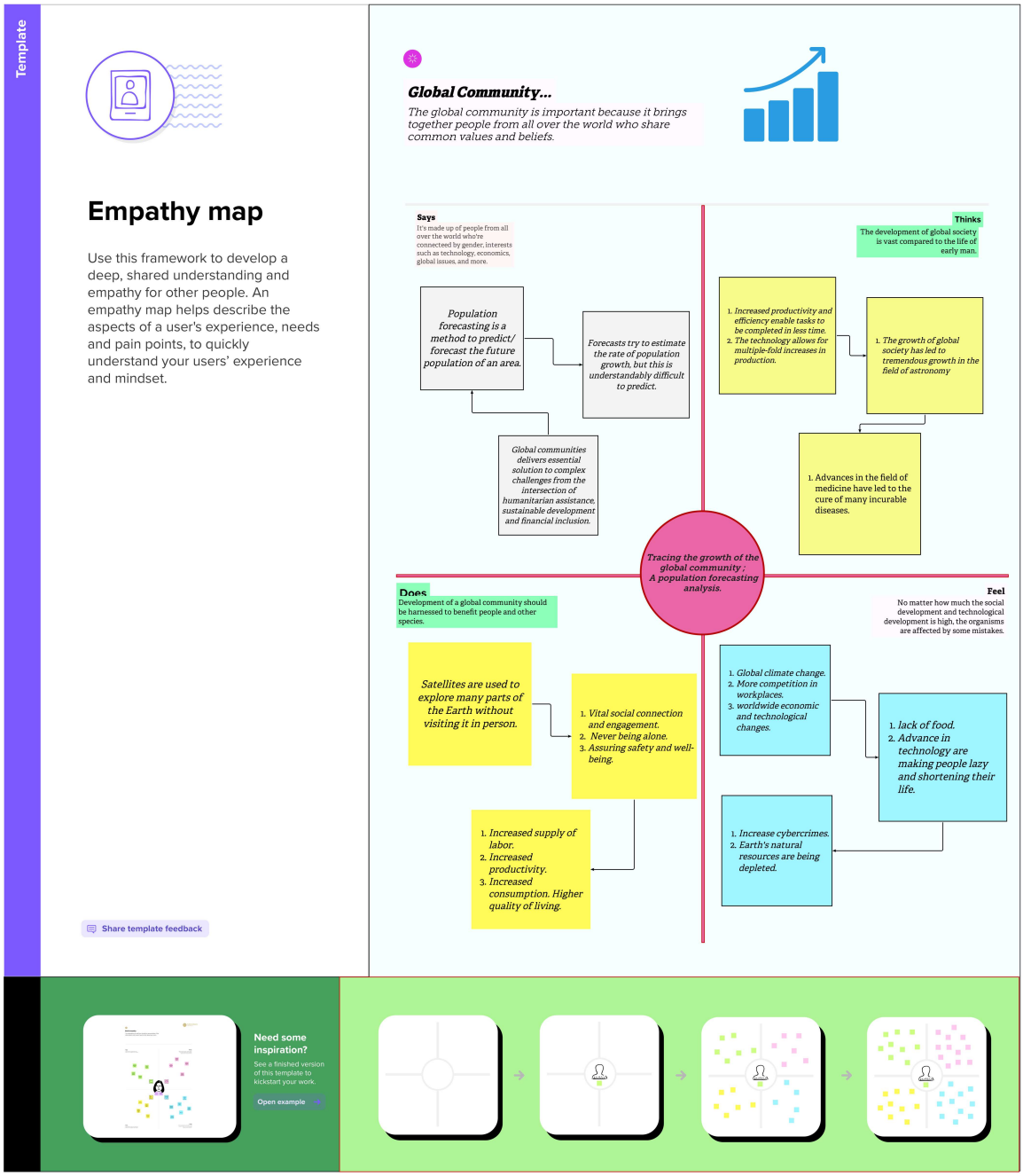
Population is define as the methos of determining the expected population for a particular design period of a water supply system with the help of the study and analysis of future events and available records. Population growth is the increase in the number of humans on Earth. For most of human history our population size was relatively stable. But with innovation and industrialization, energy, food, water, and medical care became more available and reliable.

1.2. Purpose:

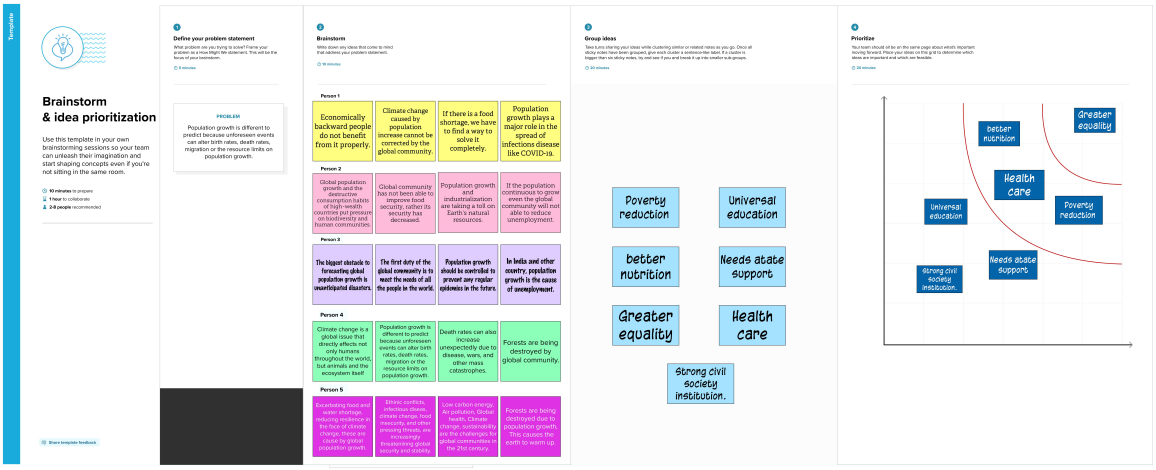
The planner must know what kind of people live in his planning area, what types of lives they lead, and would like to lead, how long they will live, and how long they will reside in the particular area; and who will replace them when they move out or die; how many children they will have (and would like to have under different conditions), whether these children will live in the area, and many other factors.

Problem Definition & Design Thinking:

2.1. Empathy Map:

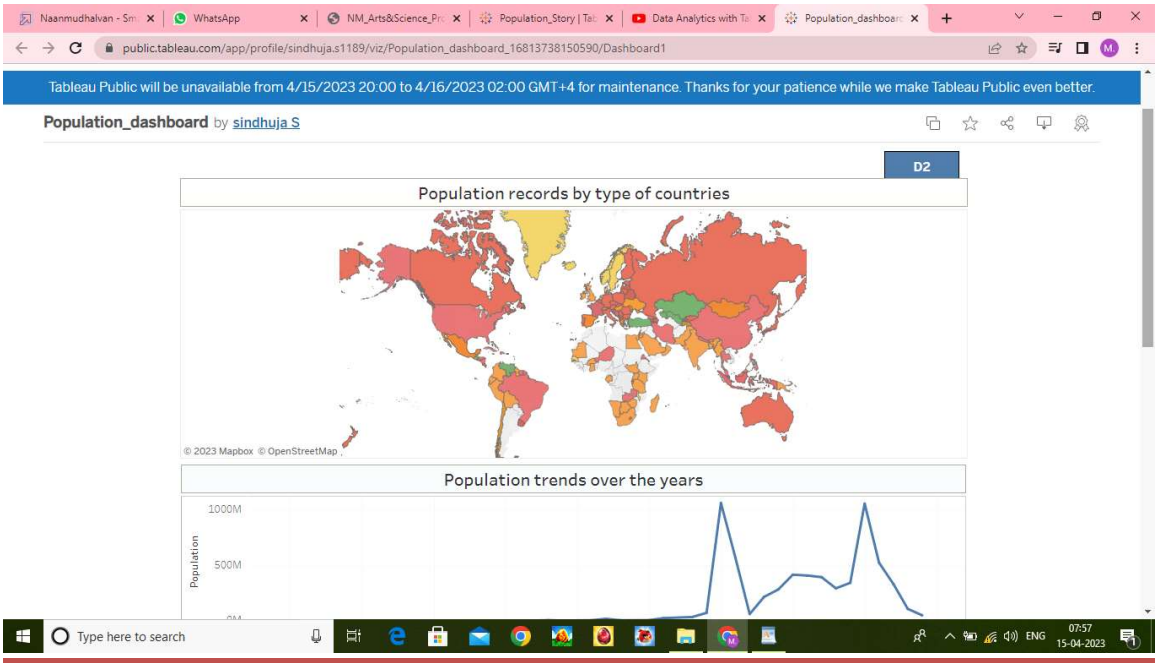


2.2. Ideation & Brainstorming Map:

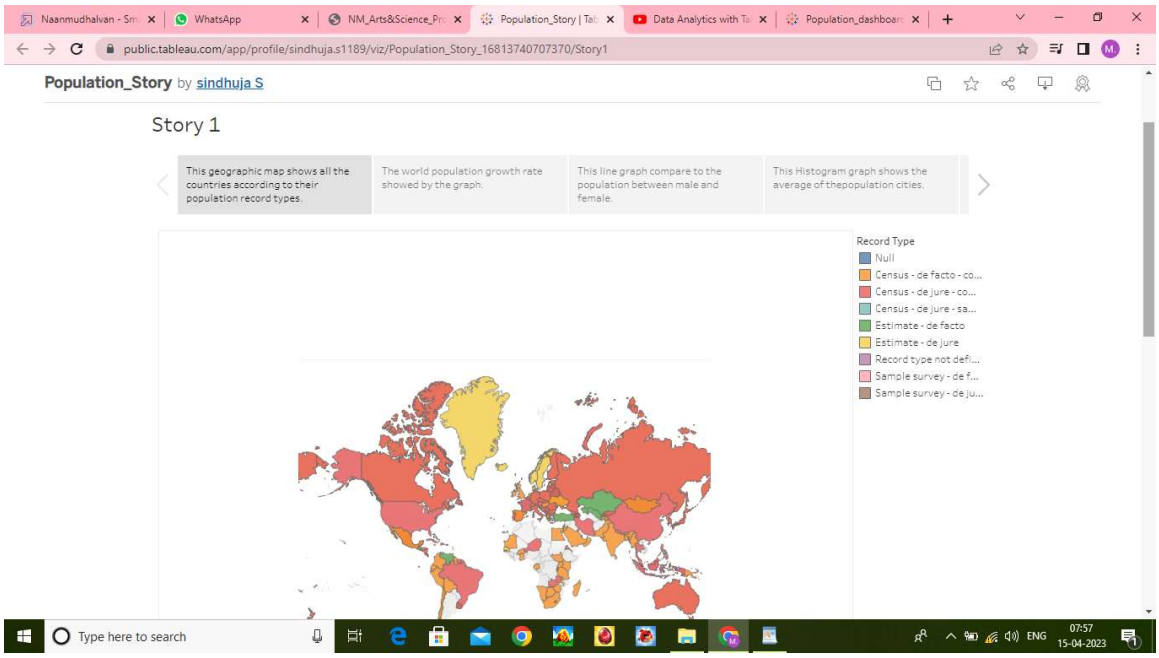


RESULT:

3.1. Dashboard:



3.2. Story:



Advantages & disadvantages:

4.1. Advantage:

1, Estimate the basic need for human, such as demand for food, water, power, transportations.

2, Plan constructions such as housing, highways.

3, Increased human capital, More scope for invention and creative genius, etc..

4.2. Disadvantage:

1, More waste creations, Over-use of non-renwable resources, Water shortages, Increased pressures on

natural environment, Increases pollution, etc..

2, Unchecked population growth without equal agricultural advancement to meet it leads to food shortages.

3, In the United States, the aging population, defined by people over the age of 65, is expected to comprise almost 20 percent of the population by 2030 -- an 80 percent increase from 2000.

4, Degradation of Environment, Conflict and war, Rise in Unemployment, High cost of living, pandemics and Epidemics, Malnutritioon, Starvation and Famine, etc,..

Applications:

Through this project, People definitely need education to control population growth.

Conclusions:

It is clear from project which includes geographical graphs and line graphs that Population is growing very much in years like 2000 and 2014. And also The number of women is more than number of men.

Future scope:

* Global population growth is determined by the number of births and deaths. Improving health is increasing the size of the population as it is decreasing mortality.

* The countervailing trend is falling fertility rates - the trend of couples havinng fewer children is what brought

rapid population growth to an end in manu countries already, and what will bring an end to rapid population growth globally.